

# *California Universal Waste Rule*



Known as the “UWR”

Permanent Regulations

Title 22, CCR

Division 4.5, Chapter 23

# *California UWR - General*



What is the Universal Waste Rule?

- Special management standards - separate from the general hazardous waste standards
- For “universally” generated hazardous wastes rather than industrial hazardous wastes
- Apply to universal wastes in lieu of the general hazardous waste regulations.

# *California UWR - General*



California's UWR is Based on federal regulations:

- Title 40, CFR, Part 273

State UWR found in:

- Title 22, CCR, Division 4.5; and
- Health and Safety Code sections 25201.16 and 25214.5 et seq.

# *California UWR - General*



Universal wastes are:

- Wastes – they are discarded by disposal or being recycled
- Hazardous wastes – They are listed as hazardous wastes or they exhibit a characteristic of a hazardous waste
- Designated as universal wastes in regulation or statute

# *California UWR – General*

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## Criteria for Designating a Hazardous Waste as a Universal Waste (1):

- A wide variety of generators.
- A large number of generators.
- UWR would provide good stewardship.

# *California UWR - General*

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## Criteria for Designating a Hazardous Waste as a Universal Waste (2):

- Low risk during accumulation and transport.
- Would be managed better under the UWR.
- Would be diverted from solid waste stream.
- Would improve compliance.

# *California UWR - Wastes*

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What HWs Have Been Designated as UWs?

- Hazardous waste batteries
- Hazardous waste thermostats
- Hazardous waste lamps
- Hazardous waste cathode ray tubes (CRT) and materials
- Consumer electronic devices (CED)

# *California UWR - Wastes*

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## What HWs Have Been Designated as UWs? (2)

- Non-empty aerosol cans (added by Statute: HSC section 25201.16)
- Mercury lighting switches removed from motor vehicles (added by Statute: HSC section 25214.1 et seq.)
- Vehicles with mercury lighting switches (some situations) (M001)



# *California UWR - Wastes*

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What HWs Have Been Designated as UWs? (3)

- Non-automotive mercury switches and products with them (some situations)
- Dental amalgam wastes
- Mercury-containing pressure/vacuum gauges
- Mercury added novelties

# *California UWR - Wastes*

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What HWs Have Been Designated as UWs? (4)

- Mercury containing counterweights or dampers
- Mercury thermometers
- Mercury-containing medical devices
- Mercury-containing rubber flooring
- Mercury gas flow regulators

# *California UWR - Standards*



Regulatory Standards for Entities regulated under the Universal Waste Rule :

- Universal Waste Handlers
  - Special Rules for Aerosol Cans
- CRT Materials Handlers
- Universal Waste Transporters
- Destination Facilities

# *California UWR - Standards*

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Entities regulated under the UWR:

- Handlers
  - Generators
  - Intermediate accumulation facilities
- Transporters
- Destination facilities
  - Hazardous waste disposal facilities
  - Hazardous waste recycling facilities

# *California UWR – UW Handler*



Two classes of universal waste handler:

- Small quantity handlers of universal waste
  - Most handlers
- Large quantity handlers of universal waste
  - Handlers that have >5000kg (5.5 tons) of universal waste onsite at any one time

# *California UWR – Standards*

## Standards for UW Handlers

- Prohibitions
- Notification
- Waste Management
- Labeling/Marking
- Accumulation Time Limits
- Employee Training
- Response to Releases
- Offsite Shipments
- Tracking Shipments
- Exports

# *California UWR – UW Transporter*

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A Universal Waste Transporter is:

- Handler using his/her own vehicle
- Common carrier
- Registered hazardous waste hauler
- Self-transport, business and household
- Package service (If universal wastes are accepted)

# *California UWR - Standards*

## Standards for UW Transporters

- Prohibitions
- Waste Management
- Storage Time Limits
- Response to Releases
- Offsite Shipments
- Exports
- Transporter Reporting Requirements



# *California UWR- Destination Facility*

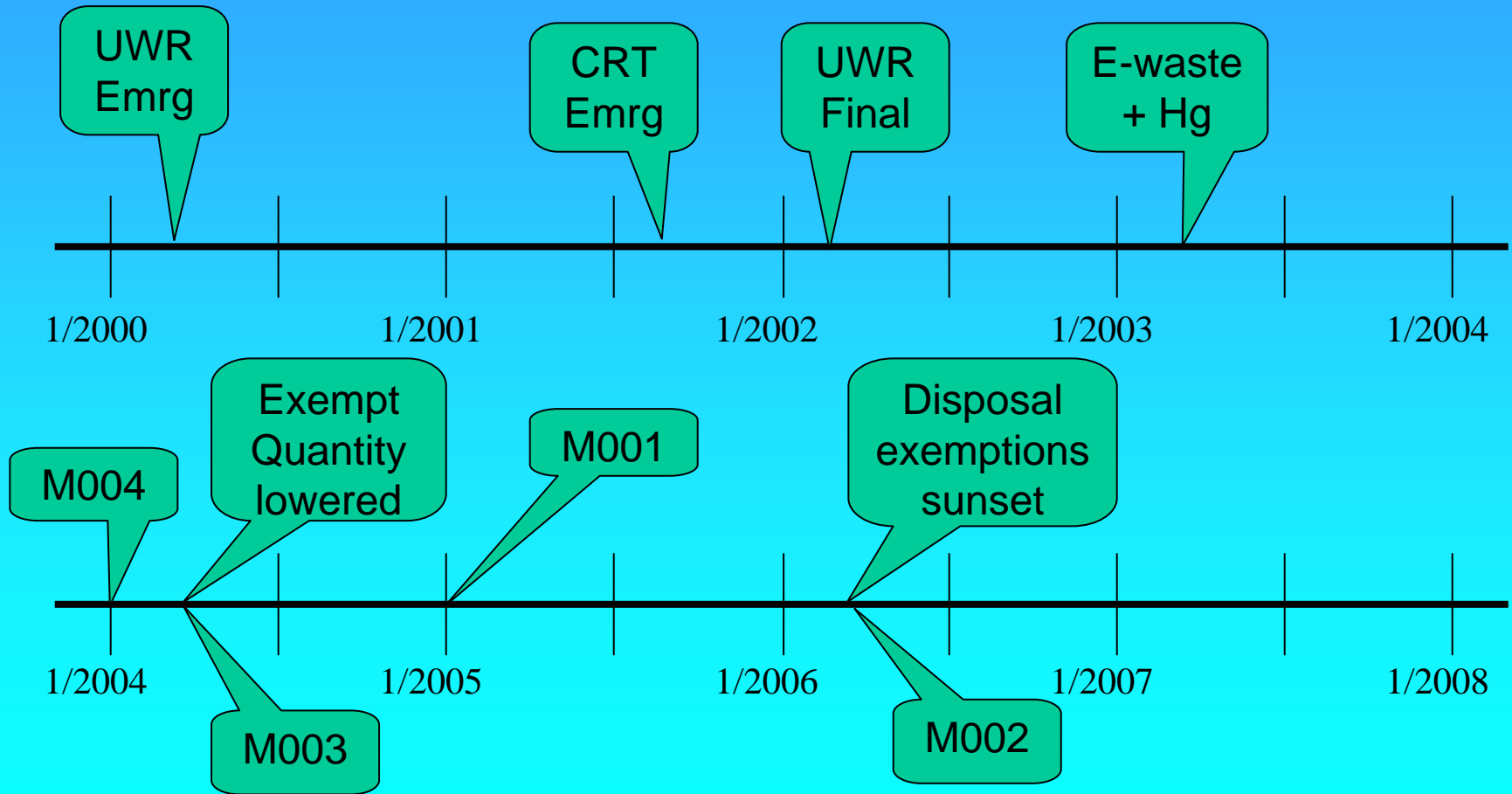
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A Universal Waste Destination Facility is:

- Authorized hazardous waste recycling facility in California
- Out of state recycler with the appropriate authorization
- Hazardous waste landfill, if allowed for the specific universal waste

# *California Universal Waste Rule*

## Critical Dates



# *California UWR - Standards*

## Deadlines, Effective Dates, and Exemptions

- Temporary Disposal Exemptions for Households and CESQUWGs (1)
  - Batteries, Thermostats, Lamps, Consumer Electronic Devices only may be disposed in a solid waste landfill